
2019-2020 Chemistry

Ms. Robin Leverett

robin.leverett@tiogaisd.net

940-202-2536 ext: 212

Tutoring: Tuesday 7:30-8:00 am and 3:30-4:00 pm



Course Description:

In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

Course Content

1 st 9 weeks	2 nd 9 weeks	3 rd Nine weeks	4 th 9 weeks
Processes of Chemistry Investigations	Unit 3 Chemical Bonding continued	Unit 7: Stoichiometry	Unit 10: Acids and Bases
Unit 1: Matter	Unit 4: Chemical Formulas	Unit 8: Gases	Unit 11: Thermochemistry
Unit 2: Atomic Structure and the Periodic Table	Unit 5: Chemical Equation and Reactions	Unit 9: Solutions	Unit 12: Nuclear Chemistry
Unit 3: Chemical Bonding	Unit 6: Mole Concept		

Course Goals

Learner will....

- ✓ Know the characteristics of matter and can analyze the relationships between chemical and physical changes and properties.
 - ✓ Understand the historical development of the Periodic Table and can apply its predictive power.
 - ✓ Know and understand the historical development of atomic theory.
 - ✓ Knows how atoms form ionic, covalent, and metallic bonds.
 - ✓ Quantify the changes that occur during chemical reactions.
 - ✓ Understand the principles of ideal gas behavior, kinetic molecular theory, and the conditions that influence the behavior of gases.
 - ✓ Understand and apply the factors that influence the behavior of solutions.
 - ✓ Understand the energy changes that occur in chemical reactions.
 - ✓ Understand the basic process of nuclear chemistry
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Grading Policy

- 25%- Daily grades will include classwork, homework, quizzes class participation.
 - 50%- Major Grades include test, projects, and labs practical.
 - 25%-Laboratory work
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Classroom Expectations

1. Do your best
2. Follow all instructions
3. Respect others and their property
4. Be seated and quiet before the bell.
5. Have needed supplies
6. Cell phone use is prohibited unless authorized by the teacher.

Homework- Students are to spend 1-2 hours each week outside of class, the form of reading, studying, and/or completion of class work.

Classwork- There will be a weekly quiz over the content covered that week.

Tests- There will be at least three tests each 9 weeks. These will factor as major grades.

Labs/Activities- Students are required to keep a bound laboratory notebook that is organized and neat. These will be graded as daily work. Labs are to be entered in date of completion order and an index is to be kept. For at least 40% of the instructional time, the student will conduct laboratory and field investigations using safe, environmentally appropriate and ethical procedures.

Make Up Work-

- Daily and Lab Assignments- Students have one week to attend tutoring and turn in missed assignments. Lab work will be made up during tutorial times.
- Major Tests: If you missed the day of the test, you must take the test the next class you attend.

Test Retakes- Students are given a chance to retake a test to prove mastery of content. Any test retake must be completed within one week of test results during tutorials. Students will take a different version of the test.

Consequences-

1st Offense-Verbal Warning

2nd Offense-conference with student

3rd Offense- detention scheduled with teacher and parents notified

4th Offense-office referral

Communication-

The best way to reach me is through email. I check it throughout the day and will respond as soon as possible.

Remind 101- text @levchem19 to 81010

Google Classroom-codes are posted in the classroom.

Required Materials:

Black pens

Pencils

Red pens

Colored pencils (stay in classroom)

Composition notebook (spiral or bound)



1" binder (used for this class only)

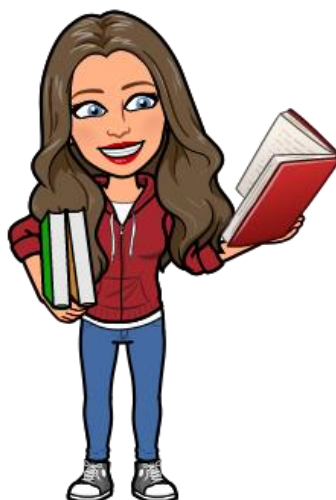
½" binder (used for this class only and stays in classroom)

Sticky Notes (4-5 pads)

6 Glue sticks

Tentative Testing Dates

Unit 1 : Matter	September 4
Unit 2 Atomic Structure and Periodic Table	September 25
Unit 3: Chemical Bonding	October 9
Unit 4: Chemical Formulas	October 22
Unit 5: Chemical Equations and Reactions	November 7
Unit 6: Mole Concept	November 21
Unit 7: Stoichiometry	January 22
Unit 8: Gases	February 11
Unit 9: Solutions	March 4
Unit 10: Acids and Bases	March 25
Unit 11: Thermochemistry	April 17
Unit 12: Nuclear Chemistry	April30



Please return this section to Ms. Leverett. Retain the syllabus in the front of your binder for future reference.

I have read and understand the information in the syllabus for Chemistry.

Class period: _____

Student signature

Date

Parent Signature

Date